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File: DWPI

May 20, 1998

DERWENT-ACC-NO: 1998-287779

DERWENT-WEEK: 199826

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TITLE: Multilayered non-woven for sanitary wear - has non-woven outer layers with central intermittent layer of thermoplastic adhesive which is elastic at room temperature

PATENT-ASSIGNEE:

ASSIGNEE

CODE

M & W VERPACKUNGEN MILDENBERGER & WILLIN

MWVEN

PRIORITY-DATA: 1996DE-1047458 (November 16, 1996)

PATENT-FAMILY:

PUB-NO

PUB-DATE

LANGUAGE

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MAIN-IPC

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APPLICATION-DATA:

PUB-NO

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DESCRIPTOR

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INT-CL (IPC): B32B 5/26; B32B 7/14; B32B 27/32; C09J 5/00; D04H 1/00; D04H 5/08

ABSTRACTED-PUB-NO: DE19647458A

BASIC-ABSTRACT:

A multi-layered elastic sheet has at least two porous, fibrous outer layers, e.g. non-wovens of polyolefin fibres, and at least one central layer consisting of linearly applied adhesive strands. The adhesive is a thermoplastic which is elastic at room temperature. The adhesive strands (3) are applied in a grid shape which allows for elastic extension under tension and subsequent retraction.

Also claimed are processes for applying an adhesive by printing processes or by extrusion.

USE - The sheet is used as absorbent material for sanitary wear, e.g. panty liners, nappies, incontinence pads.

ADVANTAGE - Greater comfort is obtained due to elastic properties and intermittent application of adhesives which allows the fabric to breathe.

CHOSEN-DRAWING: Dwg.1/2

TITLE-TERMS: MULTILAYER SANITARY WEAR OUTER LAYER CENTRAL INTERMITTENT LAYER THERMOPLASTIC ADHESIVE ELASTIC ROOM TEMPERATURE

DERWENT-CLASS: A17 A96 D22 F04 P73

CPI-CODES: A12-S05G; A12-V03A; D09-C02; D09-C03; F04-C01; F04-E04;

ENHANCED-POLYMER-INDEXING:

Polymer Index [1.1] 018 ; G0033*R G0022 D01 D02 D51 D53 ; H0000 ; H0011*R ; S9999 S1183 S1161 S1070 ; S9999 S1149 S1070 ; P1150 Polymer Index [1.2] 018 ; ND01 ; K9416 ; K9574 K9483 ; Q9999 Q8004 Q7987 ; N9999 N5721*R ; ND07 ; K9392 ; K9698 K9676 ; K9701 K9676 ; N9999 N7147 N7034 N7023 Polymer Index [1.3] 018 ; B9999 B5221 B4740 ; K9712 K9676 ; B9999 B3907 B3838 B3747 ; N9999 N7090 N7034 N7023 ; B9999 B5447 B5414 B5403 B5276 Polymer Index [2.1] 018 ; R00708 G0102 G0022 D01 D02 D12 D10 D19 D18 D31 D51 D53 D58 D76 D88 ; R00806 G0828 G0817 D01 D02 D12 D10 D51 D54 D56 D58 D84 ; H0317 ; H0022 H0011 ; H0066 H0044 H0011 ; P0328 ; P1741 ; P0351 ; P0373 Polymer Index [2.2] 018 ; ND01 ; K9416 ; K9574 K9483 ; Q9999 Q8004 Q7987 ; N9999 N5721*R ; ND07 ; K9392 ; K9698 K9676 ; K9701 K9676 ; N9999 N7147 N7034 N7023 Polymer Index [2.3] 018 ; Q9999 Q6644*R ; B9999 B3930*R B3838 B3747 ; N9999 N5970*R ; K9518 K9483 Polymer Index [3.1] 018 ; G0033*R G0022 D01 D02 D51 D53 ; H0317 ; H0000 ; H0011*R ; P1150 Polymer Index [3.2] 018 ; ND01 ; K9416 ; K9574 K9483 ; Q9999 Q8004 Q7987 ; N9999 N5721*R ; ND07 ; K9392 ; K9698 K9676 ; K9701 K9676 ; N9999 N7147 N7034 N7023 Polymer Index [3.3] 018 ; Q9999 Q6644*R ; B9999 B3930*R B3838 B3747 ; N9999 N5970*R ; K9518 K9483 Polymer Index [3.4] 018 ; D01 D68 D62 D61 Tr*R ; C999 C033 C000 ; C999 C293

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1998-089236

Non-CPI Secondary Accession Numbers: N1998-226237

Full	Title	Citation	Front	Review	Classification	Date	Reference
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